

ABSTRACT

A printhead includes a plurality of switching elements which are arranged in correspondence with
5 respective printing elements and control energization to the respective printing elements, a reference voltage circuit which generates a reference voltage, a current generation circuit which generates a reference current (I_{ref}) on the basis of a reference voltage (V_{ref})
10 generated by the reference voltage circuit, and a plurality of constant current sources which supply, in accordance with the reference current (I_{ref}) generated by the current generation circuit, constant currents via the switching elements arranged in correspondence
15 with the respective printing elements.